

Amendments to the Claims

Claim 1 (Previously Presented): An isolated polynucleotide comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claim 2 (Previously Presented): A recombinant expression cassette comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claim 3 (Previously Presented): A vector comprising a recombinant expression cassette comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claim 4 (Previously Presented): A host cell comprising a recombinant expression cassette comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claim 5 (Previously Presented): The host cell of Claim 4 wherein the cell is a plant cell.

Claim 6 (Original): The host cell of Claim 5 wherein the cell is selected from the group consisting of maize, sorghum, wheat, tomato, soybean, alfalfa, sunflower, canola, cotton, and rice.

Claim 7 (Previously Presented): A transformed plant comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claim 8 (Previously Presented): A plant seed comprising a polynucleotide encoding a protein having fumonisin degrading activity, said polynucleotide selected from the group consisting of:

- a) a polynucleotide comprising at least 90% sequence identity to a polynucleotide as set forth in SEQ ID No: 35;
- b) a polynucleotide comprising at least 95% sequence identity to a polynucleotide as set forth in SEQ ID No: 35; and
- c) a polynucleotide complementary to a polynucleotide of a) or b).

Claims 9-22 (Canceled)